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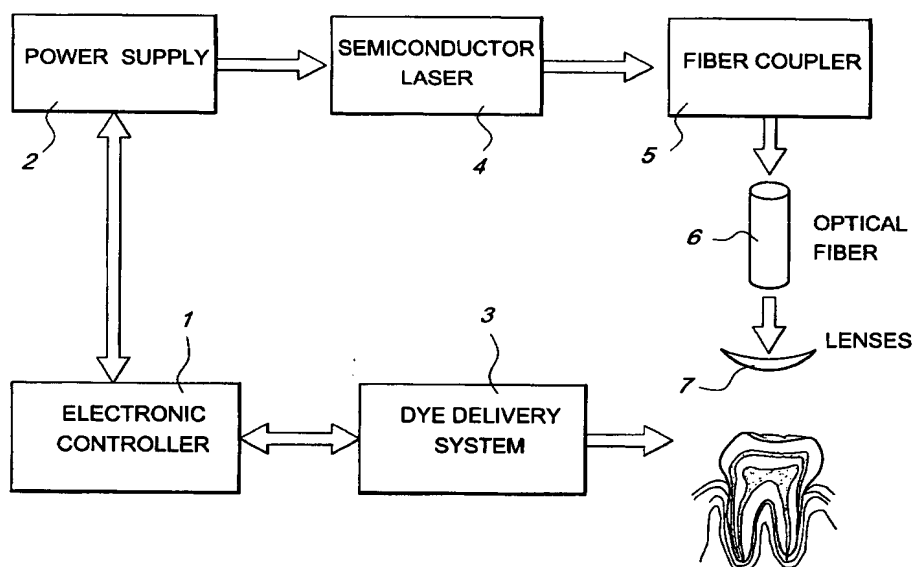
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(54) Title: LASER APPARATUS FOR TREATING HARD TISSUES AND METHOD FOR USING THE APPARATUS



(57) Abstract: A semiconductor laser apparatus combined with a chromophore and a method for using them in treating hard tissues, such as for example dental tissue, in which elements (3) for applying a chromophore in the area of the tissue to be treated are coupled to a semiconductor laser (4), elements for conveying (5, 6) the laser light and for focusing (7) the laser light on the tissue to be treated also being coupled to the laser; the chromophores can be chosen among different chromophorous agents and must have a high coefficient of absorption at the wavelength of the laser chosen for the type of treatment and/or tissue to be treated.